

## Author Index

Akar, C.A., see Wallace, W.C. (52) 201  
Akar, C.A., see Wallace, W.C. (52) 213  
Aktories, K., see Olenik, C. (52) 263

Bae, K.W., see Park, H.T. (52) 318  
Banner, S.J., see Milton, I.D. (52) 17  
Barone, P., see Vallone, D. (52) 307  
Barrientos, A., Casademont, J., Cardellach, F.,  
Estivill, X., Urbano-Marquez, A. and Nunes,  
V.  
Reduced steady-state levels of mitochondrial RNA and increased mitochondrial DNA amount in human brain with aging (52) 284

Barth, H., see Olenik, C. (52) 263  
Belcher, S.M. and Howe, J.R.  
Characterization of RNA editing of the glutamate-receptor subunits GluR5 and GluR6 in granule cells during cerebellar development (52) 130

Belzberg, A.J., see Oaklander, A.L. (52) 162  
Benfenati, F., see Vaccaro, P. (52) 1  
Black, S.M., see Macduff Sheehy, A. (52) 71  
Bönisch, H., see Brüss, M. (52) 257  
Borsig, L., see Presse, F. (52) 270  
Böttiger, B., see Gillardon, F. (52) 194  
Brüss, M., Pörzgen, P., Bryan-Lluka, L.J. and  
Bönisch, H.  
The rat norepinephrine transporter: molecular cloning from PC12 cells and functional expression (52) 257

Bryan-Lluka, L.J., see Brüss, M. (52) 257

Cardellach, F., see Barrientos, A. (52) 284  
Cardona, B., see Presse, F. (52) 270  
Casademont, J., see Barrientos, A. (52) 284  
Cesareni, G., see Vaccaro, P. (52) 1  
Chapell, R., see Leidenheimer, N.J. (52) 173

Das, S., see Le, D. (52) 235  
Daude, N., see Lehmann, S. (52) 139  
Dautzenberg, F.M., see Sydow, S. (52) 182  
Dente, L., see Vaccaro, P. (52) 1  
Díaz-Laviada, I., see Galve-Roperh, I. (52) 90  
DiChiara, G., see Vallone, D. (52) 307  
Dikkes, P., see Le, D. (52) 235  
Dobi, A., Palkovits, M., Ring, M.A., Eitel, A.,  
Palkovits, C.G., Lim, F. and V. Agoston, D.  
Sample and probe: a novel approach for identifying development-specific *cis*-elements of the enkephalin gene (52) 98

Egan, J.M., see Wallace, W.C. (52) 213  
Ehrlich, M.E., see Ivkovic, S. (52) 62

Eitel, A., see Dobi, A. (52) 98  
Erne, B., see Miescher, G.C. (52) 299  
Estivill, X., see Barrientos, A. (52) 284

Ferracin, F., see Miescher, G.C. (52) 299  
Fray, A.E., see Milton, I.D. (52) 17  
Fukunari, A., see Kusuhara, H. (52) 151

Galve-Roperh, I., Haro, A. and Díaz-Laviada, I.  
Induction of nerve growth factor synthesis by sphingomyelinase and ceramide in primary astrocyte cultures (52) 90

Gillardon, F., Böttiger, B. and Hossmann, K.-A.  
Expression of nuclear redox factor *ref-1* in the rat hippocampus following global ischemia induced by cardiac arrest (52) 194

Gnesutta, N., see Zippel, R. (52) 170  
Goguen, D.M., see Kumar, V. (52) 242  
Grant, A.L. and Wisden, W.  
DNA regions supporting *hippocalcin* gene expression in cell lines (52) 323

Gray, A.T., Leonoudakis, D.J. and  
Spencer Yost, C.  
An active-site histidine of NR1/2C mediates voltage-independent inhibition by zinc (52) 157

Greengard, P., see Vaccaro, P. (52) 1  
Guido, M.E., see Kumar, V. (52) 242

Haro, A., see Galve-Roperh, I. (52) 90

Harris, D.A., see Lehmann, S. (52) 139

Hatt, H., see Temkin, R. (52) 38

Horne, C.H.W., see Milton, I.D. (52) 17

Hossmann, K.-A., see Gillardon, F. (52) 194

Howe, J.R., see Belcher, S.M. (52) 130

Huber, S., see Miescher, G.C. (52) 299

Huotari, V., see Korhonen, P. (52) 330

Ikegami, F., see Kusama-Eguchi, K. (52) 166

Ince, P.G., see Milton, I.D. (52) 17

Inoue, M., see Koike, K. (52) 326

Ishihara-Sugano, M. and Nakae, H.  
Developmentally regulated mRNA splicing of clathrin assembly protein 3 (AP-3) (52) 290

Ivkovic, S., Kanazir, S., Rakic, L., Ehrlich, M.E. and Ruzdijic, S.  
Enhanced serum response element binding activity correlates with down-regulation of *c-fos* mRNA expression in the rat brain following repeated cortical lesions (52) 62

Jensen, P., see Temkin, R. (52) 38

Just, I., see Olenik, C. (52) 263

Kanazir, S., see Ivkovic, S. (52) 62

Kang, E.K., see Park, H.T. (52) 318

Kenney, A.M. and Kocsis, J.D.  
Temporal variability of *jun* family transcription factor levels in peripherally or centrally transected adult rat dorsal root ganglia (52) 53

Kikuchi, T., see Sunayashiki-Kusuzaki, K. (52) 112

Kiyama, H., see Koike, K. (52) 326

Kocsis, J.D., see Kenney, A.M. (52) 53

Koike, K., Sakamoto, Y., Kiyama, H., Ma-  
suhara, K., Miyake, A. and Inoue, M.  
Cytokine-induced neutrophil chemo-  
attractant gene expression in the rat hypo-  
thalamus by osmotic stimulation (52) 326

Kolb, P.E., see Miller, M.A. (52) 121

Kole, H.K., see Wallace, W.C. (52) 213

Kondo, H., see Sakagami, H. (52) 249

Korhonen, P., Huotari, V., Soininen, H. and  
Salminen, A.  
Glutamate-induced changes in the DNA-bi-  
nding complexes of transcription factor YY1  
in cultured hippocampal and cerebellar  
granule cells (52) 330

Kumar, V., Goguen, D.M., Guido, M.E. and  
Rusak, B.  
Melatonin does not influence the expression of *c-fos* in the suprachiasmatic nucleus of rats and hamsters (52) 242

Kusama-Eguchi, K., Kusama, T., Ikegami, F.,  
Lambein, F. and Watanabe, K.  
Inhibitory activity of a naturally occurring heterocyclic  $\beta$ -substituted alanine,  $\beta$ -(isoxazolin-5-on-4-yl)-L-alanine, on the L-  
glutamate/L-aspartate transporter (GLAST)  
expressed in *Xenopus* oocytes (52) 166

Kusama, T., see Kusama-Eguchi, K. (52) 166

Kusuhara, H., Fukunari, A., Matsuyuki, H. and  
Okumoto, T.  
Principal involvement of cyclooxygenase-  
1-derived prostaglandins in the *c-fos* expres-  
sion of the rat hind brain following visceral  
stimulation with acetic acid (52) 151

LaFlamme, K.D., see Petersen, S.L. (52) 32

Lambein, F., see Kusama-Eguchi, K. (52) 166

Le, D., Das, S., Wang, Y.F., Yoshizawa, T.,  
Sasaki, Y.F., Takasu, M., Nemes, A.,  
Mendelsohn, M., Dikkes, P., Lipton, S.A.  
and Nakanishi, N.

## Author Index

Akar, C.A., see Wallace, W.C. (52) 201  
Akar, C.A., see Wallace, W.C. (52) 213  
Aktories, K., see Olenik, C. (52) 263

Bae, K.W., see Park, H.T. (52) 318  
Banner, S.J., see Milton, I.D. (52) 17  
Barone, P., see Vallone, D. (52) 307  
Barrientos, A., Casademont, J., Cardellach, F.,  
Estivill, X., Urbano-Marquez, A. and Nunes,  
V.  
Reduced steady-state levels of mitochondrial RNA and increased mitochondrial DNA amount in human brain with aging (52) 284

Barth, H., see Olenik, C. (52) 263  
Belcher, S.M. and Howe, J.R.  
Characterization of RNA editing of the glutamate-receptor subunits GluR5 and GluR6 in granule cells during cerebellar development (52) 130

Belzberg, A.J., see Oaklander, A.L. (52) 162  
Benfenati, F., see Vaccaro, P. (52) 1  
Black, S.M., see Macduff Sheehy, A. (52) 71  
Bönisch, H., see Brüss, M. (52) 257  
Borsig, L., see Presse, F. (52) 270  
Böttiger, B., see Gillardon, F. (52) 194  
Brüss, M., Pörzgen, P., Bryan-Lluka, L.J. and  
Bönisch, H.  
The rat norepinephrine transporter: molecular cloning from PC12 cells and functional expression (52) 257

Bryan-Lluka, L.J., see Brüss, M. (52) 257

Cardellach, F., see Barrientos, A. (52) 284  
Cardona, B., see Presse, F. (52) 270  
Casademont, J., see Barrientos, A. (52) 284  
Cesareni, G., see Vaccaro, P. (52) 1  
Chapell, R., see Leidenheimer, N.J. (52) 173

Das, S., see Le, D. (52) 235  
Daude, N., see Lehmann, S. (52) 139  
Dautzenberg, F.M., see Sydow, S. (52) 182  
Dente, L., see Vaccaro, P. (52) 1  
Díaz-Laviada, I., see Galve-Roperh, I. (52) 90  
DiChiara, G., see Vallone, D. (52) 307  
Dikkes, P., see Le, D. (52) 235  
Dobi, A., Palkovits, M., Ring, M.A., Eitel, A.,  
Palkovits, C.G., Lim, F. and V. Agoston, D.  
Sample and probe: a novel approach for identifying development-specific *cis*-elements of the enkephalin gene (52) 98

Egan, J.M., see Wallace, W.C. (52) 213  
Ehrlich, M.E., see Ivkovic, S. (52) 62

Eitel, A., see Dobi, A. (52) 98  
Erne, B., see Miescher, G.C. (52) 299  
Estivill, X., see Barrientos, A. (52) 284

Ferracin, F., see Miescher, G.C. (52) 299  
Fray, A.E., see Milton, I.D. (52) 17  
Fukunari, A., see Kusuhara, H. (52) 151

Galve-Roperh, I., Haro, A. and Díaz-Laviada, I.  
Induction of nerve growth factor synthesis by sphingomyelinase and ceramide in primary astrocyte cultures (52) 90

Gillardon, F., Böttiger, B. and Hossmann, K.-A.  
Expression of nuclear redox factor *ref-1* in the rat hippocampus following global ischemia induced by cardiac arrest (52) 194

Gnesutta, N., see Zippel, R. (52) 170  
Goguen, D.M., see Kumar, V. (52) 242  
Grant, A.L. and Wisden, W.  
DNA regions supporting *hippocalcin* gene expression in cell lines (52) 323

Gray, A.T., Leonoudakis, D.J. and  
Spencer Yost, C.  
An active-site histidine of NR1/2C mediates voltage-independent inhibition by zinc (52) 157

Greengard, P., see Vaccaro, P. (52) 1  
Guido, M.E., see Kumar, V. (52) 242

Haro, A., see Galve-Roperh, I. (52) 90

Harris, D.A., see Lehmann, S. (52) 139

Hatt, H., see Temkin, R. (52) 38

Horne, C.H.W., see Milton, I.D. (52) 17

Hossmann, K.-A., see Gillardon, F. (52) 194

Howe, J.R., see Belcher, S.M. (52) 130

Huber, S., see Miescher, G.C. (52) 299

Huotari, V., see Korhonen, P. (52) 330

Ikegami, F., see Kusama-Eguchi, K. (52) 166

Ince, P.G., see Milton, I.D. (52) 17

Inoue, M., see Koike, K. (52) 326

Ishihara-Sugano, M. and Nakae, H.  
Developmentally regulated mRNA splicing of clathrin assembly protein 3 (AP-3) (52) 290

Ivkovic, S., Kanazir, S., Rakic, L., Ehrlich, M.E. and Ruzdijic, S.  
Enhanced serum response element binding activity correlates with down-regulation of *c-fos* mRNA expression in the rat brain following repeated cortical lesions (52) 62

Jensen, P., see Temkin, R. (52) 38

Just, I., see Olenik, C. (52) 263

Kanazir, S., see Ivkovic, S. (52) 62

Kang, E.K., see Park, H.T. (52) 318

Kenney, A.M. and Kocsis, J.D.  
Temporal variability of *jun* family transcription factor levels in peripherally or centrally transected adult rat dorsal root ganglia (52) 53

Kikuchi, T., see Sunayashiki-Kusuzaki, K. (52) 112

Kiyama, H., see Koike, K. (52) 326

Kocsis, J.D., see Kenney, A.M. (52) 53

Koike, K., Sakamoto, Y., Kiyama, H., Ma-  
suhara, K., Miyake, A. and Inoue, M.  
Cytokine-induced neutrophil chemo-  
attractant gene expression in the rat hypo-  
thalamus by osmotic stimulation (52) 326

Kolb, P.E., see Miller, M.A. (52) 121

Kole, H.K., see Wallace, W.C. (52) 213

Kondo, H., see Sakagami, H. (52) 249

Korhonen, P., Huotari, V., Soininen, H. and  
Salmi, A.  
Glutamate-induced changes in the DNA-bi-  
nding complexes of transcription factor YY1  
in cultured hippocampal and cerebellar  
granule cells (52) 330

Kumar, V., Goguen, D.M., Guido, M.E. and  
Rusak, B.  
Melatonin does not influence the expression of *c-fos* in the suprachiasmatic nucleus of rats and hamsters (52) 242

Kusama-Eguchi, K., Kusama, T., Ikegami, F.,  
Lambein, F. and Watanabe, K.  
Inhibitory activity of a naturally occurring heterocyclic  $\beta$ -substituted alanine,  $\beta$ -(isoxazolin-5-on-4-yl)-L-alanine, on the L-  
glutamate/L-aspartate transporter (GLAST)  
expressed in *Xenopus* oocytes (52) 166

Kusama, T., see Kusama-Eguchi, K. (52) 166

Kusuhara, H., Fukunari, A., Matsuyuki, H. and  
Okumoto, T.  
Principal involvement of cyclooxygenase-  
1-derived prostaglandins in the *c-fos* expres-  
sion of the rat hind brain following visceral  
stimulation with acetic acid (52) 151

LaFlamme, K.D., see Petersen, S.L. (52) 32

Lambein, F., see Kusama-Eguchi, K. (52) 166

Le, D., Das, S., Wang, Y.F., Yoshizawa, T.,  
Sasaki, Y.F., Takasu, M., Nemes, A.,  
Mendelsohn, M., Dikkes, P., Lipton, S.A.  
and Nakanishi, N.

Enhanced neuronal death from focal ischemia in AMPA-receptor transgenic mice (52) 235

Lee, S. and Rivier, C. Alcohol increases the expression of type 1, but not type 2  $\alpha$  corticotropin-releasing factor (CRF) receptor messenger ribonucleic acid in the rat hypothalamus (52) 78

Lehmann, S., Daude, N. and Harris, D.A. A wild-type prion protein does not acquire properties of the scrapie isoform when co-expressed with a mutant prion protein in cultured cells (52) 139

Leidenheimer, N.J. and Chapell, R. Effects of PKC activation and receptor desensitization on neurosteroid modulation of GABA<sub>A</sub> receptors (52) 173

Leonoudakis, D.J., see Gray, A.T. (52) 157

Lim, F., see Dobi, A. (52) 98

Lipton, S.A., see Le, D. (52) 235

Lowe, D., see Temkin, R. (52) 38

Lu, L. and Ordway, G.A.  $\alpha_{2C}$ -Adrenoceptors mediate inhibition of forskolin-stimulated cAMP production in rat striatum (52) 228

Lützelschwab, R., see Miescher, G.C. (52) 299

Lyons, W.E., see Wallace, W.C. (52) 201

Lyons, W.E., see Wallace, W.C. (52) 213

Macduff Sheehy, A., Phung, Y.T., Riemer, R.K. and Black, S.M. Growth factor induction of nitric oxide synthase in rat pheochromocytoma cells (52) 71

Mancinelli, E., see Zippel, R. (52) 170

Martinelli, S., see Vaccaro, P. (52) 1

Masuhara, K., see Koike, K. (52) 326

Matsuoka, I., see Shishido, T. (52) 146

Matusyuki, H., see Kusuhara, H. (52) 151

Matus-Leibovitch, N., see Zippel, R. (52) 170

Mendelsohn, M., see Le, D. (52) 235

Meyer, D.K., see Olenik, C. (52) 263

Miescher, G.C., Lützelschwab, R., Erne, B., Ferracini, F., Huber, S. and Steck, A.J. Reciprocal expression of myelin-associated glycoprotein splice variants in the adult human peripheral and central nervous systems (52) 299

Miller, M.A., Kolb, P.E. and Raskind, M.A. GALR1 galanin receptor mRNA is co-expressed by galanin neurons but not cholinergic neurons in the rat basal forebrain (52) 121

Milton, I.D., Banner, S.J., Ince, P.G., Piggott, N.H., Fray, A.E., Thatcher, N., Horne, C.H.W. and Shaw, P.J. Expression of the glial glutamate transporter EAAT2 in the human CNS: an immunohistochemical study (52) 17

Miyake, A., see Koike, K. (52) 326

Morelli, M., see Vallone, D. (52) 307

Nahon, J.-L., see Presse, F. (52) 270

Nakae, H., see Ishihara-Sugano, M. (52) 290

Nakanishi, H., see Shishido, T. (52) 146

Nakanishi, N., see Le, D. (52) 235

Nemes, A., see Le, D. (52) 235

Niwa, S.-I., see Shishido, T. (52) 146

Nunes, V., see Barrientos, A. (52) 284

Oaklander, A.L. and Belzberg, A.J. Unilateral nerve injury down-regulates mRNA for Na<sup>+</sup> channel SCN10A bilaterally in rat dorsal root ganglia (52) 162

Okumoto, T., see Kusuhara, H. (52) 151

Olenik, C., Barth, H., Just, I., Aktories, K. and Meyer, D.K. Gene expression of the small GTP-binding proteins RhoA, RhoB, Rac1, and Cdc42 in adult rat brain (52) 263

Onofri, F., see Vaccaro, P. (52) 1

Ordway, G.A., see Lu, L. (52) 228

Palkovits, C.G., see Dobi, A. (52) 98

Palkovits, M., see Dobi, A. (52) 98

Park, H.T., Kang, E.K. and Bae, K.W. Light regulates Homer mRNA expression in the rat suprachiasmatic nucleus (52) 318

Pellecchia, M.T., see Vallone, D. (52) 307

Petersen, S.L. and LaFlamme, K.D. Progesterone increases levels of  $\mu$ -opioid receptor mRNA in the preoptic area and arcuate nucleus of ovariectomized, estradiol-treated female rats (52) 32

Phung, Y.T., see Macduff Sheehy, A. (52) 71

Piggott, N.H., see Milton, I.D. (52) 17

Pörzgen, P., see Brüss, M. (52) 257

Presse, F., Cardona, B., Borsu, L. and Nahon, J.-L. Lithium increases melanin-concentrating hormone mRNA stability and inhibits tyrosine hydroxylase gene expression in PC12 cells (52) 270

Radulovic, J., see Sydow, S. (52) 182

Rakic, L., see Ivkovic, S. (52) 62

Raskind, M.A., see Miller, M.A. (52) 121

Riemer, R.K., see Macduff Sheehy, A. (52) 71

Ring, M.A., see Dobi, A. (52) 98

Rivier, C., see Lee, S. (52) 78

Rusak, B., see Kumar, V. (52) 242

Ruzdijic, S., see Ivkovic, S. (52) 62

Sakagami, H. and Kondo, H. Molecular cloning and developmental expression of a rat homologue of death-associated protein kinase in the nervous system (52) 249

Sakamoto, Y., see Koike, K. (52) 326

Salminen, A., see Korhonen, P. (52) 330

Salzter, M. and Stefano, G. Prodynorphin in invertebrates (52) 46

Sasaki, Y.F., see Le, D. (52) 235

Saya, D., see Zippel, R. (52) 170

Shaw, P.J., see Milton, I.D. (52) 17

Shinohara, T., see Sunayashiki-Kusuzaki, K. (52) 112

Shishido, T., Watanabe, Y., Matsuoka, I., H. Nakanishi and Niwa, S.-I. Acute methamphetamine administration increases tyrosine hydroxylase mRNA levels in the rat locus caeruleus (52) 146

Smith, D.O., see Temkin, R. (52) 38

Soininen, H., see Korhonen, P. (52) 330

Spencer Yost, C., see Gray, A.T. (52) 157

Spiess, J., see Sydow, S. (52) 182

Steck, A.J., see Miescher, G.C. (52) 299

Stefano, G., see Salzter, M. (52) 46

Sturani, E., see Zippel, R. (52) 170

Sunayashiki-Kusuzaki, K., Kikuchi, T., Wawrousek, E.F. and Shinohara, T. Arrestin and phosducin are expressed in a small number of brain cells (52) 112

Sydow, S., Radulovic, J., Dautzenberg, F.M. and Spiess, J. Structure-function relationship of different domains of the rat corticotropin-releasing factor receptor (52) 182

Takasu, M., see Le, D. (52) 235

Temkin, R., Lowe, D., Jensen, P., Hatt, H. and Smith, D.O. Expression of glutamate receptor subunits in  $\alpha$ -motoneurons (52) 38

Thatcher, N., see Milton, I.D. (52) 17

Urbano-Marquez, A., see Barrientos, A. (52) 284

Vaccaro, P., Dente, L., Onofri, F., Zucconi, A., Martinelli, S., Valtorta, F., Greengard, P., Cesareni, G. and Benfenati, F. Anti-synapsin monoclonal antibodies: epitope mapping and inhibitory effects on phosphorylation and Grb2 binding (52) 1

V. Agoston, D., see Dobi, A. (52) 98

Vallone, D., Pellecchia, M.T., Morelli, M., Verde, P., DiChiara, G. and Barone, P. Behavioural sensitization in 6-hydroxy-dopamine-lesioned rats is related to compositional changes of the AP-1 transcription factor: evidence for induction of FosB- and JunD-related proteins (52) 307

Valtorta, F., see Vaccaro, P. (52) 1

Verde, P., see Vallone, D. (52) 307

Vogel, Z., see Zippel, R. (52) 170

Wallace, W.C., Akar, C.A. and Lyons, W.E. Amyloid precursor protein potentiates the neurotrophic activity of NGF (52) 201

Wallace, W.C., Akar, C.A., Lyons, W.E., Kole, H.K., Egan, J.M. and Wolozin, B. Amyloid precursor protein requires the insulin signaling pathway for neurotrophic activity (52) 213

Wang, Y.F., see Le, D. (52) 235

Watanabe, K., see Kusama-Eguchi, K. (52) 166

Watanabe, Y., see Shishido, T. (52) 146

Wawrousek, E.F., see Sunayashiki-Kusuzaki, K. (52) 112

Wisden, W., see Grant, A.L. (52) 323

Wolozin, B., see Wallace, W.C. (52) 213

Yoshizawa, T., see Le, D. (52) 235

Zippel, R., Gnesutta, N., Matus-Leibovitch, N., Mancinelli, E., Saya, D., Vogel, Z. and Sturani, E. Ras-GRF, the activator of Ras, is expressed preferentially in mature neurons of the central nervous system. [This article was published in Mol. Brain Res. 48/1 (1997) 140-144] (52) 170

Zucconi, A., see Vaccaro, P. (52) 1